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HALE AND DORR

June 23, 2004

JUN 2 3 2004

TRADENARY

for Patents

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

Applicants:

Su et al.

Serial No.:

09/766,873

Filed:

19 January 2001

Entitled:

Flavobacterium Heparinum Expression System

Our Ref:

104385.132US2

Dear Sir:

Enclosed herewith for appropriate action by the United States Patent and Trademark Office are the following documents:

1. Response and Amendment Under 37 C.F.R. §1.111; and

2. Postcard evidencing the same.

The Commissioner is hereby authorized to charge any necessary fees or credit any overpayments to Deposit Account No. 08-0219 to maintain the pendency of the present application.

Respectfully submitted,

Maria L. Maebius

Registration No. 42,967

In re Application of

SU et al.

Serial No.: 09/766,873

Filed: 19 JANUARY 2001

FOR: FLAVOBACTERIUM

HEPARINUM EXPRESSION

SYSTEM

Atty. Dkt. No. 104385.132 US2

Group Art Unit: 1652

Examiner: R. HUTSON

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111

This Amendment is responsive to the Office Action dated March 23, 2004, for which a response is due on or before June 23, 2004. No fees are believed due; however the Commissioner is authorized to charge any necessary fees for maintaining the pendency of this application to Deposit Account No. 08-0219.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.